

## ABSTRACT

A generator for alleviating fluctuations in instantaneous rotational speed of an internal combustion engine is included in a belt-drive system. When an average rotational speed of the generator is lower than a predetermined speed, e.g., an idling speed, a generation torque of the generator is controlled to reduce the belt tension fluctuations. When the average speed of the generator is higher than the predetermined speed, the generator is controlled in a usual manner to supply a stable power to the electric loads.